Subodh Singh

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EXPERIENCE

EDULYT | Data Analyst Intern
May 2023 - July 2023

- Developed a solution using Power BI and Python to automate and streamline the process for Company, resulting in increased efficiency and reduced manual effort.
- Collaborated with cross-functional teams to design and implement a system for collecting and visualizing real-time telemetry data.
- Collaborated with stakeholders to define project requirements, develop technical specifications, and oversee the implementation of cloud-based solutions.
- Contributed to initial planning for optics-alignment system utilizing AWS, reinforcement learning, and an IoT architecture.

ACMEGRADE | ML Intern
Aug 2022 – Oct 2022

- Preprocessed and prepared the image dataset by applying techniques like data augmentation, normalization, and feature extraction.
- Implemented recommendation algorithms like collaborative filtering, matrix factorization, or hybrid models to generate personalized recommendations.
- Documented the project methodology, including data preprocessing steps, model architecture, training process, and evaluation results.
- Collaborated with teammates or supervisors to receive feedback, address challenges, and improve the system.

PROJECTS

LEAF | Foliar Disease Diagnosis
Jan 2023 – Present | GandhiNagar, Gujarat

- Developed a deep learning model using a convolutional neural network (CNN) to predict Foliar diseases.
- Model consists total 6 layers, including 2 Conv2D layers, 2 MaxPooling2D layers, and 2 Dense layers.
- Accuracies After Processing Training Accuracy: 99.83%, Validation Accuracy: 100%, Testing Accuracy: 98.88%.
- Demonstrated proficiency in using Python libraries such as keras, NumPy, Pandas, Matplotlib, and OpenCV for data manipulation, visualization, and image processing.

KRICK | Team Selection Dashboard
May 2023 – july 2023 | GandhiNagar, Gujarat

- Developed a Microsoft Power BI Dashboard focused on cricket team selection after Conducted data cleaning and transformation procedures to ensure data accuracy and completeness.
- Implemented various charts, tables, and filters to provide users with insights and enable team selection. And,Utilized dynamic filters to allow users to apply different criteria for selecting players.
- Collaborated with a team to gather requirements and ensure the dashboard met user needs.
- Demonstrated ability to translate complex data into actionable insights And Showcased proficiency in data cleaning, data transformation, and Microsoft Power BI.

EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY VADODARA
Bachelor of Technology in Computer Science
Current CPI - 7.05
Completion July 2024

SKILLS

PROGRAMMING
2+ years:
Python • C/C++
1+ years:
Java • Figma
0+ years:
Node.JS • Express.JS • JavaScript

VERSION CONTROL
Git/Github

DATA SCIENCE
Data Analytics • ML/AI
• Neural Networks
Database
Mysql • SQl • MongoDB

COURSEWORK

UNDERGRADUATE
Artificial Intelligence
Machine Learning
Operating Systems
OOPS
Data Visualization
Computer Networks

SOCIETIES

Viral-fission
Arcadia
Shades
Obscura
National Merit Scholarship Finalist

LINKS

Github:// **Subodh Singh**
LinkedIn:// **Subodh**